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MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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Vol. XXVII, NO. 4 — 4 — APRIL, 1979

PRODUCTION STATUS

Production of crude oil and condensate from oil and gas areas of Montana for the month of April, 1979 averaged 79,691 barrels daily, an increase of 1,078 barrels from the average 78,613 production in March, 1979.

The six refineries in the state processed 127,036 barrels of crude oil daily for the month of April, 1979, a decrease of 18,281 barrels from the 145,317 barrels processed daily during the month of March, 1979.

During April, 34 wells were completed, 12 oil, 8 gas, and 14 dry holes.

During April, the board issued 39 permits to drill new wells, a decrease of 2 from the 41 permits issued during March, 1979.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF APRIL, 1979

IN STORAGE: APRIL 1st	
By Producers	403,818
By Transporters	1,425,052
By Refiners	860,312
TOTAL STORAGE	2,689,182
Produced in Mont. During Month	2,390,715
Imported During Month	3,580,483
TOTAL	8,660,380
DISPOSITION	
Refined in Montana	3,811,065
Exported	1,662,456
Used For Fuel or Lost	[1,101]
TOTAL	5,472,420
IN STORAGE: APRIL 30th	
By Producers	432,410
By Transporters	1,533,755
By Refiners	1,221,795
TOTAL STORAGE	3,187,960

REFINERS MONTHLY REPORT APRIL, 1979

Company	Beginning Storage	Montana Oil	N. Dakota Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Continental Oil Co.	191,517	208,801	—	392,439	890,415	1,441,774	241,398
Exxon Company	243,607	64,130	—	832,146	572,410	1,376,084	336,209
Farmers Union	403,625	77,524	—	269,055	533,594	684,038	599,760
Kenco Refining	6,529	98,402	592	—	—	100,394	5,129
Philips Petroleum	7,671	103,455	—	—	89,832	194,217	6,741
Wesco Refining Co.	7,363	39,753	—	—	—	14,558	32,558
Totals	860,312	592,065	592	1,493,640	2,086,251	3,811,065	1,221,795

	AVERAGE BARRELS RECEIVED PER DAY					PERCENTAGE OF CRUDE OIL RECEIVED			
	Montana	N. Dakota	Wyoming	Canada	Total	Montana	N. Dakota	Wyoming	Canada
Year, 1978	24,240	190	47,982	58,545	130,957	18.51%	.14%	36.64%	44.71%
April, 1978	23,650	—	36,529	41,536	101,715	23.25%	—	35.91%	40.84%
April, 1979	19,735	20	49,788	69,542	139,085	14 19%	.01%	35.80%	50.00%

PRODUCERS' REPORT — MONTH OF APRIL, 1979

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
1	Anvil	1	576	11,688	11,439	—	825
5	Arch Apex	6	2,104	1,136	677	—	2,563
2	Ash Creek	3	665	619	883	—	401
—	Bainville	—	3,260	—	—	—	3,260
1	Bainville, West	1	645	479	233	—	891
4	Bannatyne	9	724	94	—	—	818
7	Bears Den	8	1,682	1,236	1,103	—	1,815
14	Bell Creek	160	13,688	483,449	484,893	—	12,244
—	Benrud	—	326	—	—	—	326
3	Benrud, East	3	1,440	7,845	7,447	—	1,838
1	Benrud, Northeast	1	545	969	—	—	1,514
—	Berthelote	—	614	—	209	—	405
2	Big Gully	2	651	741	1,152	—	240
—	Big Gully, North	—	489	—	—	—	489
2	Big Muddy Creek	2	1,894	3,038	2,641	—	2,291
5	Big Wall	13	827	8,926	8,486	—	1,267
1	Big Wall, North	1	550	100	467	—	183
1	Blackfoot	6	605	1,247	1,304	—	548
1	Blue Hill	1	1,250	1,914	2,268	—	896
5	Border	9	765	1,393	608	—	1,550
1	Boulder	1	790	1,879	1,571	—	1,098
1	Bowes	53	5,007	10,898	11,150	—	4,755
1	Bradley	1	780	492	262	—	1,010
2	Breed Creek	2	1,264	442	296	—	1,410
4	Brorson-Madison	4	2,175	2,518	2,575	—	2,118
3	Brorson-Red River	3	5,707	2,890	2,921	—	5,676
4	Brorson-Red River, S.	4	3,832	8,393	9,655	—	2,570
4	Brorson, Southeast	4	1,599	2,479	2,114	—	1,964
3	Brush Lake	3	853	6,274	6,274	—	853
2	Burns Creek	2	722	1,462	1,571	—	613
2	Cabin Creek	85	—	133,555	133,555	—	—
2	Canal	2	730	1,991	883	—	1,838
2	Carlyle	2	682	6,221	5,468	—	1,435
11	Cat Creek	58	2,056	7,979	7,770	—	2,265
2	Charlie Creek	2	1,052	11,338	11,244	—	1,146
1	Clark's Fork	1	83	112	164	—	31
—	Clark's Fork, North	—	742	—	—	—	742
1	Clark's Fork, South	1	1,134	282	411	—	1,005
6	Clear Lake	8	3,297	14,866	14,883	—	3,280
1	Colored Canyon	1	812	6,477	6,653	—	636
2	Conrad, South	2	90	367	367	—	90
1	Cow Creek	1	572	4	419	—	157
5	Cow Creek, East	6	7,363	2,984	3,687	—	6,660
1	Crane	1	680	4,733	3,749	—	1,664
2	Culbertson	2	1,489	7,095	6,840	—	1,744
7	Cupton	9	4,392	8,945	8,813	—	4,524
88	Cut Bank	904	37,701	120,831	119,189	[5]	39,348
1	Dagmar	1	527	3,196	3,081	—	642
1	Dean Dome	1	1,002	545	431	—	1,116
1	Deer Creek	1	415	559	478	—	496
—	Delphia	—	129	—	—	—	129
—	Devils Basin	—	114	—	—	—	114
5	Dry Creek	5	921	772	1,232	—	461
1	Dry Creek, West	1	—	159	—	—	159
2	Dwyer	2	4,233	11,454	10,908	—	4,779
2	Eagle	2	638	2,186	1,735	—	1,089
3	Elk Basin	51	446	81,598	81,286	—	758
2	Elk Basin, Northwest	4	1,474	910	977	—	1,407
1	Enid, North	1	—	1,559	—	—	1,559
4	Fairview	8	9,881	13,412	14,833	—	8,460
1	Fertile Prairie	1	580	595	659	—	516
3	Flat Coulee	19	1,563	11,967	11,555	—	1,975
6	Flat Lake	45	2,139	44,437	43,306	—	3,270
3	Flat Lake, South	3	1,659	2,182	2,598	—	1,243
2	Fort Gilbert	3	857	2,871	2,633	—	1,095
1	Four Mile Creek	1	293	4,265	4,005	—	553
2	Four Mile Creek, West	2	904	6,615	5,724	—	1,795
1	Fox Creek	1	258	2,436	1,734	—	960
1	Fox Creek, North	1	1,501	2,506	2,197	—	1,810
1	Frannie	1	—	540	540	—	—
11	Fred & George Creek	33	3,911	31,930	30,586	—	5,255
1	Froid, South	1	602	388	—	—	990
1	Gage	1	153	137	171	—	119
3	Gas City	10	2,838	9,604	7,119	—	5,323
—	Girard	—	1,275	—	—	—	1,275
11	Glendive	14	2,336	14,548	14,105	—	2,779
—	Golden Dome	—	331	—	—	—	331
12	Goose Lake	25	3,041	15,411	15,161	—	3,291
10	Graben Coulee	36	4,330	3,101	1,768	—	5,663
1	Grandview, East	1	197	203	235	—	165
2	Gumbo Ridge	4	1,771	1,778	601	—	2,948
5	Gypsy Basin	8	1,492	973	866	—	1,599
1	Hay Creek-Mission	1	198	896	840	—	254
2	Hay Creek-Red River	2	1,385	3,756	3,595	8	1,538
4	Hiawatha	4	2,330	3,523	2,933	—	2,920
1	Hibbard	1	724	2	—	—	726
8	High Five	14	2,681	16,381	15,807	32	3,223
1	Highview	1	—	10	—	—	10
—	Horse Creek	—	466	—	—	114	352
2	Howard Coulee	2	673	1,269	884	—	1,058
4	Ivanhoe	9	1,578	1,591	2,097	—	1,072
—	Jackass Butte	—	514	—	—	—	514
2	Jim Coulee	15	2,960	17,440	17,561	—	2,839
5	Keg Coulee	15	4,690	7,344	7,673	37	4,324
3	Keg Coulee, North	3	1,881	1,569	2,162	—	1,288
1	Kelley	3	302	868	446	—	724
76	Kevin Sunburst	400	15,424	22,613	22,937	2	15,098
1	Laird Creek	8	1,048	346	505	—	889
4	Leary	4	1,896	1,722	1,305	6	2,307
2	Little Beaver	23	120	32,607	32,319	—	408
2	Little Beaver, East	9	1,604	10,683	10,578	—	1,709

PRODUCERS' REPORT — MONTH OF APRIL, 1979 — (Continued)

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
14	Little Wall Creek	18	4,911	16,726	17,435	34	4,168
1	Lodge Grass	1	773	626	447	—	952
2	Lone Butte	2	1,431	2,247	2,350	—	1,328
6	Lonetree Creek	7	3,318	17,379	17,785	—	2,912
1	Long Creek	1	267	488	249	—	506
2	Long Creek, West	2	1,118	1,921	2,202	—	837
3	Lookout Butte (Coral Creek)	31	700	45,879	45,879	—	700
8	Mason Lake	10	1,934	16,651	15,673	—	2,912
1	Mason Lake, North	1	156	221	—	—	377
1	McCabe	1	231	1,453	457	—	1,227
1	Medicine Lake	1	836	21,888	20,674	—	2,050
6	Melstone	10	1,856	11,425	10,865	—	2,416
1	Mineral Bench	1	657	327	327	—	657
2	Miners Coulee	2	258	473	—	—	731
19	Mon Dak West	19	14,019	80,104	76,415	—	17,708
9	Monarch	14	3,484	10,249	10,399	—	3,334
3	Mosser	10	—	530	530	—	—
1	Nohly	2	833	3,786	4,267	—	352
1	North Fork	2	717	3,544	3,228	—	1,033
4	Otis Creek	4	2,852	3,270	4,854	—	1,268
4	Outlook	5	2,005	6,305	6,720	—	1,590
1	Outlook, South	1	1,545	495	839	—	1,201
—	Outlook, West	—	1,860	—	—	—	1,860
1	Oxbow	1	912	2,491	1,688	—	1,715
1	Pelican	1	229	1,353	1,412	—	170
1	Pennel	116	1,100	250,416	250,541	—	975
1	Pete Creek	1	77	55	—	—	132
2	Phantom	3	872	2,499	2,421	—	950
4	Pine	93	12,945	176,911	175,809	—	14,047
—	Pine, East	—	108	—	—	—	108
61	Pondera	272	7,596	23,247	21,685	—	9,158
6	Poplar	66	7,868	18,922	17,884	22	8,884
11	Poplar Northwest	16	3,047	10,900	8,581	—	5,366
—	Prairie Elk	—	980	—	—	—	980
1	Prichard Creek	4	338	347	355	—	330
1	Putnam	2	437	851	1,055	—	233
7	Putnam, East	7	2,844	15,206	14,932	160	2,958
3	Rabbit Hills	3	2,382	4,220	4,269	—	2,333
9	Ragged Point	22	5,450	4,633	4,958	[2]	5,127
2	Rattler Butte	2	819	2,047	2,387	—	479
2	Rattlesnake Coulee	2	640	208	—	—	848
2	Raymond	5	1,431	10,900	10,716	—	1,615
1	Raymond, Northeast	1	553	1,675	1,691	—	537
4	Reagon	50	1,109	18,268	18,038	—	1,339
1	Red Creek	18	—	6,896	6,896	—	—
1	Red Fox	1	623	197	359	—	461
1	Redstone	1	606	875	639	—	842
1	Repeat	1	1,045	611	1,317	—	339
4	Reserve	4	1,369	6,933	5,545	—	2,757
2	Richey	2	451	12	—	—	463
1	Richey, Southwest	4	318	570	—	—	888
1	Ridgelawn	1	429	1,744	1,749	—	424
2	RipRap Coulee	2	1,444	1,218	1,572	—	1,090
1	Rocky Point	1	298	1,741	1,633	—	406
4	Rosebud	4	1,106	1,719	1,093	—	1,732
1	Rush Mountain	1	807	1,822	1,902	—	727
—	Salt Lake	—	1,020	—	—	—	1,020
2	Sand Creek	3	318	1,589	1,589	—	318
4	Second Creek	4	1,436	6,958	6,669	—	1,725
2	Sheepherder	3	919	477	889	4	503
1	Shotgun Creek, North	1	415	1,459	1,447	—	427
10	Sidney	10	4,404	9,721	10,377	28	3,720
1	Singletree	1	1,047	1,830	2,633	—	244
7	Sioux Pass	7	4,350	20,610	20,348	—	4,612
1	Sioux Pass, East	1	381	596	752	—	225
4	Sioux Pass, Middle	4	2,323	16,643	15,276	—	3,690
5	Sioux Pass, North	5	3,781	10,230	11,607	—	2,404
1	Snyder	3	1,045	425	376	—	1,094
9	Soap Creek	23	2,588	4,540	5,652	—	1,476
2	Soap Creek, East	3	1,377	1,048	945	—	1,480
3	South Fork	3	2,117	14,497	14,818	—	1,796
1	Spring Lake	2	1,606	1,261	906	—	1,961
1	Stensvad	3	1,867	223	—	—	2,090
27	Sumatra	97	9,350	111,501	109,544	10	11,297
3	Sunnyhill	3	837	2,105	1,534	—	1,408
—	Tippy Buttes	—	243	—	—	—	243
5	Tule Creek	5	4,250	11,534	13,170	—	2,614
1	Tule Creek, East	1	1,020	617	—	—	1,637
1	Tule Creek, South	1	1,147	344	—	—	1,491
3	Utopia Swift	9	809	4,073	3,097	—	1,785
10	Vaux	10	7,132	19,755	19,020	—	7,867
1	Vida	1	157	226	226	—	157
5	Volt	6	3,395	6,955	7,591	—	2,759
1	Wagon Box	1	80	135	—	—	215
1	Weed Creek	1	475	309	298	—	486
—	Weldon	—	1,676	—	—	—	1,676
1	West Butte	1	401	595	714	—	282
27	Whitlash	63	15,363	12,838	14,521	60	13,620
—	Whitlash, West	—	303	—	—	—	303
2	Willow Creek, North	2	655	685	737	—	603
3	Wills Creek, South	3	—	3,463	3,463	—	—
2	Winnett Junction	6	600	5,618	5,688	—	530
3	Wolf Springs	3	2,834	2,164	3,120	—	1,878
—	Womans Pocket	—	271	—	—	—	271
2	Woodrow	2	611	1,610	1,971	—	250
2	Wright Creek	3	2,016	911	1,785	—	1,142
—	Wildcat, McCone County	—	52	—	—	—	52
5	Wildcat, Richland County	5	1,764	11,858	9,668	—	3,954
—	Wildcat, Toole County	—	200	—	—	—	200
824	TOTAL	3,340	403,818	2,390,715	2,361,613	510	432,410

See back page for oil production, shipping and storage summaries.

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA AT 14.73 PSIA and 60° F.—MONTH OF APRIL, 1979

Field	MC. FT.
NATURAL:	
Alma	146
Arch Apex	24,712
Battle Creek	317,243
Bear's Den	—
Big Coulee	114,073
Big Rock	45,290
Black Coulee	3,715
Blackjack	15,423
Bowdoin	764,849
Bowes	42,894
Brown's Coulee	683
Bullwacker & Area	119,815
Canadian Coulee	23,391
Cedar Creek	118,496
Chip Creek	1,147
Clark's Fork, North	—
Coal Coulee	1,543
Cut Bank	120,097
Dry Creek	78,677
Dry Creek, Middle	209
Dunkirk North	28,895
East Chinook	8,637
Flat Coulee	7,078
Fred & George	8,388
Fresno & Area	30,642
Gold Butte	1,309
Grandview	25,767
Gypsy Basin	36,437
Hardin	2,400
Haystack Butte	16,844
Highview	16,951
Keith Block	53,813
Kevin Sunburst	31,789
Kevin Sunburst Nisku & Area	14,846
Kicking Horse	19,015
Kinyon Coulee Area	4,288
Lake Basin	19,630
Ledger	17,070
Leroy	83,688
Liscom Creek	12,241
Lohman	7,830
Middle Butte	15,491
Miners Coulee	18,710
Mt. Lilly	12,846
Phantom	91,867
Plevna	2,260
Prairie Dell	59,897
Pumpkin Creek	13,126
Rapelje	15,149
Rocky Boy Area	11,093
Rudyard	97,102
Sage Creek	1,355
Sawtooth Mountain & Area	116,368
Sherard	61,001
Snoose Coulee	10,833
South Devon	10,005
South Shelby	30,681
Strawberry Creek Area	4,344
Swanson Creek	3,968
Tiger Ridge	1,166,887
Trail Creek	—
Utopia	44,410
West Butte	—
Whitlash	50,032
Willow Ridge	9,104
TOTAL NATURAL GAS	4,086,490

Field	MC. Ft.
ASSOCIATED:	
Bell Creek	41,374
Big Muddy Creek	2,482
Blue Hill	1,875
Clark's Fork South	11,569
Cabin Creek	21,525
Coral Creek	8,118
Culbertson	8,328
Eagle	419
Elk Basin	5,436
Fairview	14,571
Four Mile Creek	3,658
Four Mile Creek, West	5,526
Glendive	192
Mon Dak West	36,227
Otis Creek	2,294
Pennel	6,143
Richland	53,358*
Single Tree	2,464
Sioux Pass	11,070
Sioux Pass, East	818
Sioux Pass, Middle	7,716
Sioux Pass, North	5,153
Sumatra	3,725
Tule Creek	4,467
Vaux	411
TOTAL ASSOCIATED GAS	258,919
TOTAL WITHDRAWALS	4,345,409

Total withdrawals for April, 1978 were 3,600,590 MCF.

*Includes such fields as Benrud, Brorson, Ft. Gilbert, Hay Creek, Lone Butte, Lone Tree, Red Fox & Second Creek.

Total oil produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1978	30,467,337	83,472	30,316,941	83,060
1st Quarter, 1979	6,992,797	77,698	7,014,545	77,939
April, 1979	2,390,715	79,691	2,361,613	78,720

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage	Total In Storage
December	428,559	1,432,743	935,266	2,796,568
March, 1979	403,818	1,425,052	860,312	2,689,182
April, 1979	432,410	1,533,755	1,221,795	3,187,960